

Please type a plus sign (+) in this box

PTO/SB/05 (11-00)

Approved for use through 10/31/2002, OMB 0651-0032
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

12/05/01
JC685 U.S. PTO

UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 C.F.R. 1.53(b))

Attorney Docket No. 7268U-000001

First Inventor Tsung-Wen Chiu, et al.

Title Dual-Band FR4 Chip Antenna

Express Mail Label No. EL486597779US

A
10/00645/01
12/05/01**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents.

- Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)
- Applicant claims small entity status.
See 37 CFR 1.27.
- Specification [Total Pages 19]
(preferred arrangement set forth below)
 - Descriptive title of the Invention
 - Cross References to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to sequence listing, a table, or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (*if filed*)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
- Drawing(s) (35 U.S.C. 113) [Total Sheets 10]
- Oath or Declaration [Total Pages 3]
 - a. Newly executed (original or copy)
 - b. Copy from a prior application (37 CFR 1.63 (d))
(for a continuation/divisional with Box 18 completed)
 - i. **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
- Application Data Sheet. See 37 CFR 1.76

ADDRESS TO:Assistant Commissioner for Patents
Box Patent Application
Washington, DC 20231

7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission (*if applicable, all necessary*)
 - a. Computer Readable Form (CRF)
 - b. Specification Sequence Listing on:
 - i. CD-ROM or CD-R (2 copies); or
 - ii. paper
 - c. Statements verifying identity of above copies

ACCOMPANYING APPLICATIONS PARTS

9. Assignment Papers (cover sheet & document(s))
10. 37 C.F.R. §3.73(b) Statement Power of Attorney (*when there is an assignee*)
11. English Translation Document (*if applicable*)
12. Information Disclosure Statement (IDS)/PTO-1449 Copies of IDS Citations
13. Preliminary Amendment
14. Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
15. Certified Copy of Priority Document(s) (*if foreign priority is claimed*)
16. Request and Non Publication under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
17. Other: _____

18. If a CONTINUATING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

 Continuation Divisional Continuation-in-part (CIP)

of prior application No: _____ / _____

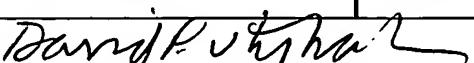
Prior application information: Examiner _____ Group / Art Unit: _____

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

17. CORRESPONDENCE ADDRESS

<input checked="" type="checkbox"/> Customer Number or Bar Code Label	 27572 (Insert Customer No. or Attach bar code label here)	or <input type="checkbox"/> Correspondence address below
---	---	--

Name	Harness, Dickey & Pierce, P.L.C.				
Address	P.O. Box 828				
City	Bloomfield Hills	State	MI	Zip Code	48303
Country	United States of America	Telephone	248-641-1600	Fax	248-641-0270

Name (Print/Type)	David P. Utykanski	Registration No. (Attorney/Agent)	39,052
Signature			Date 12/05/01

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

FEE TRANSMITTAL for FY 2002

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$ 780)

Complete if Known	
Application Number	To be designated
Filing Date	To be designated
First Named Inventor	Tsung-Wen Chiu, et al
Examiner Name	To be designated
Group / Art Unit	To be designated
Attorney Docket No.	7268U-000001

METHOD OF PAYMENT (check one)				FEE CALCULATION (continued)																																																																																																																																																																																														
<p>1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:</p> <p>Deposit Account Number <input type="text" value="08-0750"/></p> <p>Deposit Account Name <input type="text" value="Harness, Dickey & Pierce, P.L.C."/></p> <p><input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17</p> <p><input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27</p>				<p>3. ADDITIONAL FEES</p> <table border="1"> <thead> <tr> <th>Fee Code</th> <th>Large Entity Fee (\$)</th> <th>Fee Code</th> <th>Small Entity Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>105</td><td>130</td><td>205</td><td>65</td><td>Surcharge - late filing fee or oath</td><td></td></tr> <tr><td>127</td><td>50</td><td>227</td><td>25</td><td>Surcharge - late provisional filing fee or cover sheet</td><td></td></tr> <tr><td>139</td><td>130</td><td>139</td><td>130</td><td>Non-English specification</td><td></td></tr> <tr><td>147</td><td>2,520</td><td>147</td><td>2,520</td><td>For filing a request for reexamination</td><td></td></tr> <tr><td>112</td><td>920*</td><td>112</td><td>920*</td><td>Requesting publication of SIR prior to Examiner action</td><td></td></tr> <tr><td>113</td><td>1,840*</td><td>113</td><td>1,840*</td><td>Requesting publication of SIR after Examiner action</td><td></td></tr> <tr><td>115</td><td>110</td><td>215</td><td>55</td><td>Extension for reply within first month</td><td></td></tr> <tr><td>116</td><td>400</td><td>216</td><td>200</td><td>Extension for reply within second month</td><td></td></tr> <tr><td>117</td><td>920</td><td>217</td><td>460</td><td>Extension for reply within third month</td><td></td></tr> <tr><td>118</td><td>1,440</td><td>218</td><td>720</td><td>Extension for reply within fourth month</td><td></td></tr> <tr><td>128</td><td>1,960</td><td>228</td><td>980</td><td>Extension for reply within fifth month</td><td></td></tr> <tr><td>119</td><td>320</td><td>219</td><td>160</td><td>Notice of Appeal</td><td></td></tr> <tr><td>120</td><td>320</td><td>220</td><td>160</td><td>Filing a brief in support of an appeal</td><td></td></tr> <tr><td>121</td><td>280</td><td>221</td><td>140</td><td>Request for oral hearing</td><td></td></tr> <tr><td>138</td><td>1,510</td><td>138</td><td>1,510</td><td>Petition to institute a public use proceeding</td><td></td></tr> <tr><td>140</td><td>110</td><td>240</td><td>55</td><td>Petition to revive – unavoidable</td><td></td></tr> <tr><td>141</td><td>1,280</td><td>241</td><td>640</td><td>Petition to revive – unintentional</td><td></td></tr> <tr><td>142</td><td>1,280</td><td>242</td><td>640</td><td>Utility issue fee (or reissue)</td><td></td></tr> <tr><td>143</td><td>460</td><td>243</td><td>230</td><td>Design issue fee</td><td></td></tr> <tr><td>144</td><td>620</td><td>244</td><td>310</td><td>Plant issue fee</td><td></td></tr> <tr><td>122</td><td>130</td><td>122</td><td>130</td><td>Petitions to the Commissioner</td><td></td></tr> <tr><td>123</td><td>50</td><td>123</td><td>50</td><td>Processing fee under 37 CFR 1.17 (q)</td><td></td></tr> <tr><td>126</td><td>180</td><td>126</td><td>180</td><td>Submission of Information Disclosure Stmt</td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td>Recording each patent assignment per property (times number of properties)</td><td>40</td></tr> <tr><td>581</td><td>40</td><td>581</td><td>40</td><td></td><td></td></tr> <tr><td>146</td><td>740</td><td>246</td><td>370</td><td>Filing a submission after final rejection (37 CFR § 1.129(a))</td><td></td></tr> <tr><td>149</td><td>740</td><td>249</td><td>370</td><td>For each additional invention to be examined (37 CFR § 1.129(b))</td><td></td></tr> <tr><td>179</td><td>740</td><td>279</td><td>370</td><td>Request for Continued Examination (RCE)</td><td></td></tr> <tr><td>169</td><td>900</td><td>169</td><td>900</td><td>Request for expedited examination of a design application</td><td></td></tr> <tr> <td colspan="4">Other fee (specify) _____</td> <td colspan="2">*Reduced by Basic Filing Fee Paid</td> <td>SUBTOTAL (3) (\$ 40)</td> </tr> </tbody> </table>				Fee Code	Large Entity Fee (\$)	Fee Code	Small Entity Fee (\$)	Fee Description	Fee Paid	105	130	205	65	Surcharge - late filing fee or oath		127	50	227	25	Surcharge - late provisional filing fee or cover sheet		139	130	139	130	Non-English specification		147	2,520	147	2,520	For filing a request for reexamination		112	920*	112	920*	Requesting publication of SIR prior to Examiner action		113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action		115	110	215	55	Extension for reply within first month		116	400	216	200	Extension for reply within second month		117	920	217	460	Extension for reply within third month		118	1,440	218	720	Extension for reply within fourth month		128	1,960	228	980	Extension for reply within fifth month		119	320	219	160	Notice of Appeal		120	320	220	160	Filing a brief in support of an appeal		121	280	221	140	Request for oral hearing		138	1,510	138	1,510	Petition to institute a public use proceeding		140	110	240	55	Petition to revive – unavoidable		141	1,280	241	640	Petition to revive – unintentional		142	1,280	242	640	Utility issue fee (or reissue)		143	460	243	230	Design issue fee		144	620	244	310	Plant issue fee		122	130	122	130	Petitions to the Commissioner		123	50	123	50	Processing fee under 37 CFR 1.17 (q)		126	180	126	180	Submission of Information Disclosure Stmt						Recording each patent assignment per property (times number of properties)	40	581	40	581	40			146	740	246	370	Filing a submission after final rejection (37 CFR § 1.129(a))		149	740	249	370	For each additional invention to be examined (37 CFR § 1.129(b))		179	740	279	370	Request for Continued Examination (RCE)		169	900	169	900	Request for expedited examination of a design application		Other fee (specify) _____				*Reduced by Basic Filing Fee Paid		SUBTOTAL (3) (\$ 40)
Fee Code	Large Entity Fee (\$)	Fee Code	Small Entity Fee (\$)	Fee Description	Fee Paid																																																																																																																																																																																													
105	130	205	65	Surcharge - late filing fee or oath																																																																																																																																																																																														
127	50	227	25	Surcharge - late provisional filing fee or cover sheet																																																																																																																																																																																														
139	130	139	130	Non-English specification																																																																																																																																																																																														
147	2,520	147	2,520	For filing a request for reexamination																																																																																																																																																																																														
112	920*	112	920*	Requesting publication of SIR prior to Examiner action																																																																																																																																																																																														
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action																																																																																																																																																																																														
115	110	215	55	Extension for reply within first month																																																																																																																																																																																														
116	400	216	200	Extension for reply within second month																																																																																																																																																																																														
117	920	217	460	Extension for reply within third month																																																																																																																																																																																														
118	1,440	218	720	Extension for reply within fourth month																																																																																																																																																																																														
128	1,960	228	980	Extension for reply within fifth month																																																																																																																																																																																														
119	320	219	160	Notice of Appeal																																																																																																																																																																																														
120	320	220	160	Filing a brief in support of an appeal																																																																																																																																																																																														
121	280	221	140	Request for oral hearing																																																																																																																																																																																														
138	1,510	138	1,510	Petition to institute a public use proceeding																																																																																																																																																																																														
140	110	240	55	Petition to revive – unavoidable																																																																																																																																																																																														
141	1,280	241	640	Petition to revive – unintentional																																																																																																																																																																																														
142	1,280	242	640	Utility issue fee (or reissue)																																																																																																																																																																																														
143	460	243	230	Design issue fee																																																																																																																																																																																														
144	620	244	310	Plant issue fee																																																																																																																																																																																														
122	130	122	130	Petitions to the Commissioner																																																																																																																																																																																														
123	50	123	50	Processing fee under 37 CFR 1.17 (q)																																																																																																																																																																																														
126	180	126	180	Submission of Information Disclosure Stmt																																																																																																																																																																																														
				Recording each patent assignment per property (times number of properties)	40																																																																																																																																																																																													
581	40	581	40																																																																																																																																																																																															
146	740	246	370	Filing a submission after final rejection (37 CFR § 1.129(a))																																																																																																																																																																																														
149	740	249	370	For each additional invention to be examined (37 CFR § 1.129(b))																																																																																																																																																																																														
179	740	279	370	Request for Continued Examination (RCE)																																																																																																																																																																																														
169	900	169	900	Request for expedited examination of a design application																																																																																																																																																																																														
Other fee (specify) _____				*Reduced by Basic Filing Fee Paid		SUBTOTAL (3) (\$ 40)																																																																																																																																																																																												
<p>2. Payment Enclosed:</p> <p><input type="checkbox"/> Check <input type="checkbox"/> Credit card <input type="checkbox"/> Money Order <input type="checkbox"/> Other</p>				<p>FEE CALCULATION</p> <p>1. BASIC FILING FEE</p> <table border="1"> <thead> <tr> <th>Large Entity Fee Code (\$)</th> <th>Small Entity Fee Code (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>101</td><td>740</td><td>201</td><td>370</td></tr> <tr><td>106</td><td>330</td><td>206</td><td>165</td></tr> <tr><td>107</td><td>510</td><td>207</td><td>255</td></tr> <tr><td>108</td><td>740</td><td>208</td><td>370</td></tr> <tr><td>114</td><td>160</td><td>214</td><td>80</td></tr> </tbody> </table> <p>SUBTOTAL (1) (\$ 740)</p> <p>2. EXTRA CLAIM FEES</p> <table border="1"> <thead> <tr> <th>Total Claims</th> <th>Extra Claims</th> <th>Fee from below</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>20</td><td>-20 **</td><td>= 0</td><td>X = 0</td></tr> <tr><td>2</td><td>-3 **</td><td>= 0</td><td>X = 0</td></tr> </tbody> </table> <p>Multiple Dependent X = 0</p> <table border="1"> <thead> <tr> <th>Large Entity Fee Code (\$)</th> <th>Small Entity Fee Code (\$)</th> <th>Fee Description</th> </tr> </thead> <tbody> <tr><td>103</td><td>18</td><td>203</td><td>9</td></tr> <tr><td>102</td><td>84</td><td>202</td><td>42</td></tr> <tr><td>104</td><td>280</td><td>204</td><td>140</td></tr> <tr><td>109</td><td>84</td><td>209</td><td>42</td></tr> <tr><td>110</td><td>18</td><td>210</td><td>9</td></tr> </tbody> </table> <p>SUBTOTAL (2) (\$ 0)</p>				Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid	101	740	201	370	106	330	206	165	107	510	207	255	108	740	208	370	114	160	214	80	Total Claims	Extra Claims	Fee from below	Fee Paid	20	-20 **	= 0	X = 0	2	-3 **	= 0	X = 0	Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	103	18	203	9	102	84	202	42	104	280	204	140	109	84	209	42	110	18	210	9																																																																																																																																
Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid																																																																																																																																																																																															
101	740	201	370																																																																																																																																																																																															
106	330	206	165																																																																																																																																																																																															
107	510	207	255																																																																																																																																																																																															
108	740	208	370																																																																																																																																																																																															
114	160	214	80																																																																																																																																																																																															
Total Claims	Extra Claims	Fee from below	Fee Paid																																																																																																																																																																																															
20	-20 **	= 0	X = 0																																																																																																																																																																																															
2	-3 **	= 0	X = 0																																																																																																																																																																																															
Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description																																																																																																																																																																																																
103	18	203	9																																																																																																																																																																																															
102	84	202	42																																																																																																																																																																																															
104	280	204	140																																																																																																																																																																																															
109	84	209	42																																																																																																																																																																																															
110	18	210	9																																																																																																																																																																																															

**or number previously paid, if greater; For Reissues, see above

SUBMITTED BY						Complete (if applicable)
Name (Print/Type)	David P. Utykanski	Registration No. Attorney/Agent)	39,052	Telephone	248-641-1660	
Signature	<i>David P. Utykanski</i>			Date	December 5, 2001	

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.